Algebra & Sequences: Easy Practice Paper 4 Answers

Q#	Answer	Explanation
1	D	Each number is 7 more than the one before, so the next term is 29 + 7 = 36.
2	B	4x means 4 × x, so 4 × 3 = 12.
3	C	The sequence goes down in 8s, so the next term is 36 − 8 = 28.
4	B	Take 7 away from both sides: n = 20 − 7 = 13. Checking, 13 + 7 = 20.
5	C	The machine works out 9 + 11, which is 20.
6	D	Each number is double the one before, so the next term is 16 × 2 = 32.
7	C	Replace p with 15, which gives 15 − 9 = 6.
8	C	The sequence goes up in 6s, so the missing term is 12 + 6 = 18.
9	B	3x means 3 × x, so divide both sides by 3: x = 12 ÷ 3 = 4.
10	A	In 5 years he will be 5 years older, so you add 5 to his age: y + 5.
11	C	Each term is 8 more than the one before: 2 + 8 = 10, 10 + 8 = 18 and 18 + 8 = 26.
12	D	The gaps grow by one each time: +2, +3, +4, then +5, so the next term is 10 + 5 = 15.
13	C	Replace the letters with their values: 5 × 3 = 15.
14	B	Each table gives 6 seats, so t tables give t lots of 6, written 6t.
15	C	The terms are 4, 9, 14, 19, 24, so the 5th term is 24.

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